

OREGON

Science and Engineering Profile

| | Oregon | U.S. | Rank | | Oregon | U.S. | Rank |
|-------------------------------------|----------|-------------|------|--|---------|-----------|------|
| Doctoral scientists, 1993 | 5,871 | 430,332 | 24 | Total R&D performance, 1993 (millions) | \$774 | \$161,427 | 29 |
| Doctoral engineers, 1993 | 789 | 81,293 | 30 | Industry R&D, 1993 (millions) | \$471 | \$117,622 | 30 |
| S&E doctorates awarded, 1995 | 301 | 26,482 | 25 | Academic R&D, 1994 (millions) | \$243 | \$20,573 | 27 |
| of which, in life sciences | 35% | 24% | | of which, in life sciences | 59% | 55% | |
| in social sciences | 15% | 15% | | in environmental sciences | 13% | 7% | |
| in physical sciences | 14% | 14% | | in physical sciences | 9% | 10% | |
| S&E postdoctorates, 1994 | | | | Higher education current-fund | | | |
| in doctorate-granting institutions | 311 | 36,143 | 27 | expenditures, 1993 (millions) | \$1,868 | \$163,994 | 28 |
| S&E graduate students, 1994 | | | | Number of SBIR awards, 1990-94 | 215 | 18,023 | 21 |
| in doctorate-granting institutions | 4,421 | 438,694 | 31 | Patents issued to state residents, 1995 | 705 | 55,717 | 22 |
| Population, 1995 (000s) | 3,141 | 262,755 | 29 | Gross state product, 1992 (billions) | \$62.7 | \$5,994.1 | 28 |
| Civilian labor force, 1995 (000s) | 1,650 | 132,281 | 28 | of which, agriculture | 4% | 2% | |
| Personal income per capita, 1995 | \$21,736 | \$22,788 | 25 | manufacturing, mining, construction | 22% | 23% | |
| Federal spending | | | | transportation, communication, utilities | 9% | 9% | |
| Total expenditures, 1995 (millions) | \$13,756 | \$1,326,294 | 31 | wholesale and retail trade | 17% | 16% | |
| R&D obligations, 1994 (millions) | \$279 | \$65,654 | 30 | finance, insurance, real estate | 18% | 18% | |
| | | | | services | 18% | 20% | |
| | | | | government | 12% | 12% | |

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Oregon by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

| | Total | Federal intramural | All FFRDCs | Industrial firms | Universities & colleges | Other nonprofits | State & local government | State rank |
|---|---------|--------------------|------------|------------------|-------------------------|------------------|--------------------------|------------|
| Total, all agencies | 279,164 | 60,178 | 0 | 44,341 | 132,350 | 34,824 | 7,471 | 30 |
| Department of Agriculture | 35,229 | 22,013 | 0 | 29 | 12,812 | 214 | 161 | 12 |
| Department of Commerce | 15,004 | 9,309 | 0 | 3,881 | 1,742 | 0 | 72 | 12 |
| Department of Defense | 38,068 | 1,366 | 0 | 25,936 | 10,333 | 433 | 0 | 34 |
| Department of Energy | 15,021 | 1,175 | 0 | 3,450 | 9,871 | 0 | 525 | 30 |
| Dept. of Health & Human Services | 95,614 | 0 | 0 | 3,137 | 62,039 | 29,110 | 1,328 | 24 |
| Department of the Interior | 22,072 | 20,905 | 0 | 384 | 683 | 0 | 100 | 8 |
| Department of Transportation | 4,378 | 0 | 0 | 38 | 3,473 | 0 | 867 | 27 |
| Environmental Protection Agency | 11,801 | 5,168 | 0 | 4,324 | 2,064 | 0 | 245 | 11 |
| Nat'l Aeronautics & Space Admin. | 14,522 | 242 | 0 | 2,018 | 3,550 | 4,539 | 4,173 | 24 |
| National Science Foundation | 27,455 | 0 | 0 | 1,144 | 25,783 | 528 | 0 | 22 |
| State rank | 30 | 29 | na | 33 | 27 | 16 | 6 | |

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.